

Amendments to the Abstract

Please **amend** the Abstract to read.

-- The present invention relates to an arrangement for adaptive bit recovery, and to an apparatus for reading from and/or writing to recording media using such arrangement..According to the invention, an arrangement for adaptive bit recovery including an adaptive equalizer ~~(13)~~ and an adaptive partial response maximum likelihood detector ~~(14)~~ further includes an overflow control block ~~(86)~~ for the adaptive equalizer ~~(13)~~ for monitoring one or more of the adaptation coefficients and/or a state violation checker ~~(162)~~ for monitoring the allowed states and indicating state violations as well as and a noise detector ~~(155)~~ for detecting larger deviations of the target values.--